

# CN(Objective) ISE-2 SEIT (A&B) CBCGS- HME 2020 MARCH 2022

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NAME (SURNAME NAME MIDDLE NAME)

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ROLL NO

30

DIVISION



A



B

[Clear selection](#)

ERP ID

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In modulo-2 arithmetic, \_\_\_\_\_ give the same results.

1 point

- ☒ A) addition and subtraction
- ☐ B) addition and multiplication
- ☐ C) addition and division
- ☐ D) none of the above

Clear selection

In cyclic redundancy checking, what is the CRC?

1 point

- ☐ A) The quotient
- ☐ B) The dividend
- ☐ C) The divisor
- ☒ D) The remainder

Clear selection

In \_\_\_\_\_ coding, we divide our message into blocks, each of k bits, called \_\_\_\_\_.

1 point

- ☐ A) block; blockwords
- ☒ B) block; datawords
- ☐ C) linear; datawords
- ☐ D) none of the above

Clear selection



A \_\_\_\_\_ error means that two or more bits in the data unit have changed. 1 point

- ☒ A) burst
- ☐ B) double-bit
- ☐ C) single-bit
- ☐ D) none of the above

Clear selection

The Stop-And-Wait ARQ, Go-Back-N ARQ, and the Selective Repeat ARQ are for \_\_\_\_\_ channels. 1 point

- ☐ A) noiseless
- ☒ B) noisy
- ☐ C) either (a) or (b)
- ☐ D) neither (a) nor (b)

Clear selection

The \_\_\_\_\_ Protocol, adds a simple error control mechanism to the \_\_\_\_\_ Protocol. 1 point

- ☐ A) Selective Repeat ARQ; Go-Back-N ARQ
- ☐ B) Go-Back-N ARQ; Stop-and-Wait
- ☒ C) Stop-and-Wait ARQ; Stop-and-Wait
- ☐ D) none of the above

Clear selection



In \_\_\_\_\_, the router may forward the received packet through several of its interfaces. 1 point

- ☐ A) unicasting
- ☒ B) multicasting
- ☐ C) broadcasting
- ☐ D) none of the above

Clear selection

In \_\_\_\_\_, each node maintains a vector (table) of minimum distances to every node. 1 point

- ☐ A) path vector
- ☒ B) distance vector
- ☐ C) link state
- ☐ D) none of the above

Clear selection

For purposes of routing, the Internet is divided into \_\_\_\_\_. 1 point

- ☐ A) wide area networks
- ☐ B) autonomous networks
- ☒ C) autonomous systems
- ☐ D) none of the above

Clear selection



In unicast routing, each router in the domain has a table that defines a \_\_\_\_\_ path tree to possible destinations.

1 point

- ☐ A) average
- ☐ B) longest
- ☒ C) shortest
- ☐ D) none of the above

Clear selection

A \_\_\_\_\_ routing table is updated periodically using one of the dynamic routing protocols.

1 point

- ☐ A) static
- ☒ B) dynamic
- ☐ C) hierarchical
- ☐ D) none of the above

Clear selection

A one-to-one communication between one source and one destination is classified as a \_\_\_\_\_ communication.

1 point

- ☐ A) unicast
- ☐ B) multicast
- ☒ C) broadcast
- ☐ D) none of the above

Clear selection

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